CURRICULUM VITAE

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EDUCATION

2000 - 2003, Ph.D., Department of Environmental Health, School of Public Health, Fudan University (former Shanghai Medical University), China;

1997 - 2000, M.S., Department of Environmental Health, School of Public Health, Shanghai Medical University, China;

1992 - 1997, M.D. in Preventive Medicine, Shanghai Medical University, China.

EXPERIENCE

7/2003 – 12/2004, Lecture, Department of Environmental Health, School of Public Health, Fudan University, China;

1/2005 – present, Visiting fellow, Epidemiology Branch, National Institute of Environmental Health Sciences, Research Triangle Park, USA;

PROFESSIONAL ACTIVITIES

Member of

- Chinese Society of Preventive Medicine
- Shanghai Society of Environmental Sciences
- Shanghai Society of Trace Elements

GRANTS

1. **A time-series study of ambient air pollution and daily mortality in Shanghai, China**

Principal Investigator
Duration: 2004-2006
Sponsor: the Health Effects Institute, *Public Health and Air Pollution in Asia* (PAPA) program (http://www.healtheffects.org/international.htm)

2. **Research on $PM_{2.5}$ standard in Shanghai**
   Principal Investigator
   Duration: 2003-2005
   Sponsor: Shanghai Municipal Committee of Science and Technology, Grant NO: 03DZ05052

3. **Cardiovascular toxicity of $PM_{2.5}$**
   Principal Investigator
   Duration: 2003-2005
   Sponsor: Shanghai Municipal Committee of Science and Technology, Grant NO: 03ZR14009

4. **Association of particulate matter from different sources with adverse health effects in Shanghai.**
   Principal Investigator, relinquished 12-2004
   Duration: 2005-2006
   Sponsor: Shanghai Municipal Committee of Science and Technology, Rising-star program for Young Investigators, Grant NO 04QMX1402

RECENT PUBLICATIONS

Refereed journal articles:

Kan H, Chen BH, Chen CH, Wang BY, Fu QY (2005). Establishment of exposure-response functions of air particulate matter and adverse health outcomes in China and worldwide. Biomed Environ Sci, 18:159-63.

Kan H, Chen B, Fu C et al (2005). Relationship between ambient air pollution and daily mortality of SARS in Beijing. Biomedical and Environmental Sciences, 18: 1-4.

Kan H, Chen B (2004). The Association of Daily Diabetes Mortality and Outdoor Air Pollution in Shanghai, China. *Journal of Environmental Health*, 67(3): 21-26.

Kan H, Chen B (2004). Statistical distribution of major air pollutants in Shanghai, China. *Biomedical and Environmental Sciences*, 17: 366-372.

Kan H, Chen B (2004). Particulate air pollution in urban area of Shanghai, China: health-based economic assessment. *Science of the Total Environment*, 322(1-3): 71-79.

Kan H, Chen B, Chen C et al (2004). An evaluation of public health impact of ambient air pollution under various energy scenarios in Shanghai, China. *Atmospheric Environment*, 38(1): 95-102.

Chen B, Hong C, **Kan H** (2004). Exposures and health outcomes from outdoor air pollutants in China. *Toxicology*, 198(1-3): 291-300.

Kan H, Chen B (2003). Air pollution and daily mortality in Shanghai: a time series study. *Archives of Environmental Health*, 58(6): 360-367.

Kan H, Chen B (2003). A case-crossover analysis of air pollution and daily mortality in Shanghai. *Journal of Occupational Health*, 45(2): 119-124.

Kan H, Chen B (2003). Acute stroke mortality and air pollution: new evidence from Shanghai, China. *Journal of Occupational Health*, 45 (5): 321-323.

Kan H, Jia J, Chen B (2003). Temperature and daily mortality in Shanghai: a time-series study. *Biomedical and Environmental Sciences*, 16: 133-139.

Chen B, **Kan H** (2003). Air pollution and health impacts - experience and challenge in China. *Environmental Heath Perspectives (Chinese Edition)*, 111 (1c): 3.

Chen B, **Kan H** (2003). Risk assessment on human health associated with air pollution and energy options in Shanghai. *Toxicology*, 191 (1): 13-14.

Kan H, Chen B (2002). The impact of long-term exposure to air particulate matter on life expectancy and survival rate of shanghai residents. *Biomedical and Environmental Sciences*, 15: 209-214.

Technical Reports

Kan H, Chen B, Wang H (2001). Economic valuation of health outcomes associated with air pollution under various energy scenarios in Shanghai (in English & Chinese). Final report to U.S. EPA and U.S. NREL.

Chen B, Hong C, **Kan H** (2001). Integrated Assessment of Energy Options and Health Benefits in Shanghai (in English & Chinese). Final report to U.S. EPA and U.S. NREL.

Chen B, Hong C, **Kan H** (2000). Comparison of the health impact of ambient air pollution in Shanghai in 1990, 1998 and 1999. Report to China Ministry of Health. (in Chinese).

Book Chapter

Kan H. Risk assessment. In *Modern Toxicology*, pp 125-137. Fudan University Press, Shanghai, 2004.

Kan H, Chen B, Chen C. Public Health Ambient Air Pollution in Shanghai: A Health-Based Assessment. In *Urbanization, Energy, and Air Pollution in China: The Challenges Ahead -- Proceedings of a Symposium,* pp 281-296. National Academies Press, Washington D.C., 2004.

MEETINGS AND PRESENTATIONS

Kan H, Chen B (2002). Economic Valuation Of Health Outcomes Associated With Air Pollution Under Various Energy Scenarios in Shanghai. Presented at "Workshop on Integrated Assessment of Energy Options & Health Benefits" jointly attended by policy makers and health & environmental experts. Shanghai, China.
(http://www.nrel.gov/icap/docs/usepa_shanghaimeeting_economic_part.ppt)

Chen B, **Kan H** (2002). Integrated Assessment of Human Health and Energy Option in Shanghai. Presented at "Workshop on Integrated Assessment of Energy Options & Health Benefits" jointly attended by policy makers and health & environmental experts. Shanghai, China.
(http://www.nrel.gov/icap/docs/usepa_shanghaimeeting_health_part.ppt)

Chen B, **Kan H** (2002). Integrated Assessment on Energy options and Health Impact in Shanghai, China. Presented at "Air Pollution as a Climate Forcing: A Workshop"
(http://www.giss.nasa.gov/meetings/pollution02/). Honolulu, Hawaii.